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JUN 13 1969

CURRENT SERIAL RECORDS

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

UNITED STATES DEPARTMENT of AGRICULTURE--SOIL CONSERVATION SERVICE,

and

UTAH STATE DEPARTMENT OF NATURAL RESOURCES -- DIVISION OF WATER RIGHTS

In cooperation with U.S. Forest Service, Bureau of Reclamation,
Utah Fish and Game Dept., Utah State University, U.S. National
Park Service, U.S. Geological Survey; and other Federal, State,
and private organizations.

AS OF
JUNE 1, 1969

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1400 snow courses in Western United States and in the Columbia Basin in British Columbia. In the near future, it is anticipated that automatic snow water equivalent sensing devices along with radio telemetry will provide a continuous record of snow water equivalent at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, Western Regional Technical Service Center, Room 209, 701 N. W. Glisan, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	P. O. Box "F", Palmer, Alaska 99645
Arizona	6029 Federal Building, Phoenix, Arizona 85205
Colorado (N. Mex.)	12417 Federal Building, Denver, Colorado 80521
Idaho	P. O. Box 38, Boise, Idaho 83707
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1218 S. W. Washington St., Portland, Oregon 97205
Utah	4012 Federal Building, Salt Lake City, Utah 84111
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 340, Casper, Wyoming 82602

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



WATER SUPPLY OUTLOOK FOR UTAH

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

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SALT LAKE CITY, UTAH

In Cooperation with

HUBERT C. LAMBERT
STATE ENGINEER
DIVISION OF WATER RIGHTS
UTAH STATE DEPT. OF NATURAL RESOURCES

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WATER SUPPLY OUTLOOK

JUNE 3, 1969

* Utah's summer water supply outlook is again dimmed by the lack *
* of May rains but still remains very good for areas served by *
* reservoir storage or direct flow from larger streams. Dry farm *
* areas and spring range are already suffering from below average *
* precipitation for the last three months. *
* Warmer than normal May temperatures melted the remainder of a *
* heavy snow pack faster than usual causing streams to peak one *
* to two weeks earlier than usual. Streams also peaked a little *
* lower than expected due to the lack of precipitation and are *
* beginning to recede earlier than previous forecasts indicated. *

Only four snow courses measured in northern Utah had measurable snow and those show less than last year at this time. The upper Steep Hollow snow course on the Logan River had 1.9 inches of water this year compared to 5.4 inches last year and Trial Lake on the upper Provo had 12.3 inches of water compared to 29.8 inches of water in the snow last year. Rocky Basin above Tooele still had 17.9 inches of water in the snow on May 24, 1969 and upper Farmington Canyon snow course showed only 2.1 inches of water on May 26 and had 12.8 inches last year at this time.

Most reservoirs in this section of the State are full or are expected to fill soon with the exception of Strawberry Reservoir and it had 221,546 acre feet on June 1 - the most storage it has held since 1953. Pineview Reservoir lacked about 6,000 acre feet of filling as of June 1, and inflow was falling fast as a result of little, if any, rain on the upper watersheds.

Stienaker Reservoir and Moon Lake are full in Uintah Basin and Scofield and Joe's Valley are full and spilling with streamflow holding up on these streams.

Central and Southern Utah streamflow is holding up good. The inflow to Piute Reservoir has been constant for about two weeks at about 800 c.f.s. and Piute is nearly full. Otter Creek Reservoir is full and Sevier Bridge Reservoir had 137,200 acre feet as of June 1, the most water it has stored since 1953. The San Pitch River has been contributing good flow into the Sevier this year.

Snow measurements on the head of the Sevier at Cedar Breaks and Midway Valley showed 18.2 inches and 17.2 inches of water on May 26 while measurements on

WATER SUPPLY OUTLOOK (continued)

these courses last year showed only 8.6 inches and 11.5 inches of water respectively. This snow cover is expected to hold Sevier River flows up for at least the first 10 days or two weeks in June.

Snow measurements taken on the Beaver River at Big Flat showed 19.2 inches of water content - about the same as last years 19.3 inches. Otter Lake snow course had 6.6 inches of water content on May 28 and had 10.6 inches of water last year at this time. Mt. Baldy and GBRC Meadows snow courses on the San Pitch River had 12.3 inches and 8.0 inches of water. Last year these courses had 21.3 inches of water and 20.6 inches of water respectively.

The flow of Salina Creek is reported to have fallen to about 35c.f.s. on June 2, indicating the major portion of spring runoff is gone on that stream.

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	PREVIOUS YEAR

2 yrs.
ago

JUNE 1, 1969 - SNOW MEASUREMENTS FOR UTAH

Big Flat	12L7	10290	5/28	37	19.2	19.3	14.7
Cedar Breaks	12M1	10390	5/26	33	18.2	8.6	20.0
Farmington Canyon(u)	11J11	8000	5/26	4	2.1	12.8	17.8
GBRC Meadows	11K10	10000	5/29	16	8.0	20.6	17.2
Midway Valley	12M2	9800	5/26	31	17.2	11.5	18.5
Mt. Baldy R.S.	11K12	9500	5/26	26	12.3	21.3	8.8
Otter Lake	12L8	9300	5/28	12	6.6	10.6	3.6
Rocky Basin-Setlmt.Cyn.	12J1	8900	5/24	27	17.9	- -	- -
Steep Hollow(upper)	11K26	8600	5/28	4	1.9	5.4	- -
Trial Lake	10J8	9800	5/28	23	12.3	29.8	32.9

DECEMBER 1, 1968 - SUPPLEMENTAL MEASUREMENTS

Big Flat	12L7	10290	11/27	8	1.0	1.1	2.3
Buck Flat	11K31	9400	11/26	11	2.0	1.3	2.3
Dry Valley Divide	11K8	7800	11/27	6	1.6	- -	- -
Mud Creek	11K33	8300	11/27	14	2.6	1.2	Patchy
Red Pine Ridge	11K28	9400	11/27	16	3.0	2.0	- -
Rush Pond	11K38	9800	11/26	9	1.6	1.5	2.2
Shingle Mill	12L11	6200	12/2	12	2.0	- -	0.0
Stillwater Camp	10J17	8550	12/4	13	2.4	- -	- -
Stuart R.S.	11K27	7950	11/27	4	0.8	1.6	Trace
Trial Lake	10J8	9800	11/27	30	6.0	- -	- -
Upper Joe's Valley	11K29	8800	11/27	4	0.8	0.6	2.9
White River #1	10K2	8600	11/27	12	2.5	1.5	1.6
Wrigley Creek	11K32	9000	11/26	4	0.8	0.9	1.4

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE

GREAT BASIN DRAINAGE

UPPER BEAR RIVER (Above Harer, Idaho)

Burts-Miller Ranch	7900	5/27	0.49	- -	11.12	- -	- -
Chalk Creek #3	7500	5/27	0.67	2.18b	17.45	18.82b	93
Hayden Fork	9300	5/27	0.77	- -	25.24	- -	--
Monte Cristo #2	8960	5/29	0.09	2.79b	33.62	33.10b	102
Stillwater Camp	8550	5/27	0.65	2.40b	16.22	17.92*	90
Trial Lake	9800	5/28	0.21	3.15	17.40	28.20*	62

LOWER BEAR RIVER (Below Harer, Idaho)

Dry Bread Pond	8230	5/29	0.00	3.05*	- -	26.95*	--
Garden City Summit	7600	5/28	0.00	1.84*	21.07	23.53*	90
Monte Cristo #2	8960	5/29	0.09	2.79b	33.62	33.10b	102
Willow Flat	6100	5/27	0.15	3.27b	27.52	28.44*	97

OGDEN RIVER

Ben Lomond(lower)	5850	5/29	0.00	2.95*	35.78	31.14*	115
Ben Lomond Trail	6000	5/29	0.00	3.73b	42.18	35.45*	119
Causey Dam	5500	5/29	0.00	2.03b	16.34	- -	--
Dry Bread Pond	8230	5/29	0.00	3.05*	- -	26.95*	--
Monte Cristo #2	8960	5/29	0.09	2.79b	33.62	33.10b	102
Sagebrush Flat	6300	5/29	0.17	2.21b	18.00	18.20b	99

WEBER RIVER

Chalk Creek #3	7500	5/27	0.67	2.18b	17.45	18.82b	93
Farmington Guard Sta.	7500	5/26	0.74	3.82	40.32	36.12	112
Farmington Rice	7000	5/26	1.70	3.65	40.69	33.57	121
Mt. Dell Dam	5500	5/31	0.35	2.13	16.33	16.85	97
Parley's Canyon Smt.	7500	5/29	0.30	2.80	30.75	26.84*	115
Redden Mine(upper)	9000	5/18	0.34	- -	34.80	- -	--
Silver Lake(Brighton)	8725	5/31	0.49	5.47	41.88	36.20	116
Smith & Morehouse	7600	5/27	0.49	2.58*	24.22	22.57	107
Trial Lake	9300	5/28	0.21	3.15	17.40	28.20*	62

PROVO RIVER & UTAH LAKE

Clear Creek Ridge #2	8000	5/26	0.21	2.23b	23.45	19.52*	120
Daniels-Strawberry Smt.	8000	5/27	0.41	1.92*	27.72	21.75*	127
Dutchman R.S.	7500	5/26	0.25	2.67b	36.30	25.84b	140
East Portal Ridge	7800	5/29	1.30	2.89*	26.89	23.42*	115
Hobble Creek Smt.	7300	5/26	0.25	- -	24.30	- -	--

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE

PROVO RIVER & UTAH LAKE - Continued

Payson R.S.	8050	5/26	0.45	2.23b	26.60	22.79b	117
Soapstone R.S.	7800	5/28	0.18	2.08*	19.82	19.69*	101
Timpanogos Divide	8200	5/26	0.29	2.77	51.10	30.24	169
Trial Lake	9800	5/28	0.21	3.15	17.40	28.20*	62

JORDAN RIVER & TOOELE VALLEY

Middle Canyon	7000	5/29	0.58	3.05b	30.14	23.90*	126
Mt. Dell Dam	5500	5/31	0.35	2.13	16.33	16.85	97
Parley's Canyon Smt.	7500	5/29	0.30	2.80	30.75	26.84*	114
Silver Lake(Brighton)	8725	5/31	0.49	5.41	41.88	36.20	116
Vernon Creek	7500	5/27	0.60	- -	24.27	- -	- -

SEVIER RIVER ABOVE RICHFIELD

Big Flat	10290	5/28	1.34	3.03*	29.61	21.85*	136
Box Creek	9800	5/27	1.39	2.27b	23.59	18.33b	129
Castle Valley	9700	5/28	0.95	1.90b	25.40	19.99b	127
Cedar Breaks	10390	5/26	0.00	1.94	30.10	20.85*	144
Duck Creek R.S.	8560	5/23	1.45	1.76*	33.55	21.51*	156
Fish Lake	8700	5/27	1.37	1.50b	15.42	11.54b	134
Kimberly Mine	8900	5/27	0.75	3.21*	29.95	25.54*	117
Panguitch Lake	8200	5/29	0.92	1.09b	12.88	9.21b	140
Webster Flat	9200	5/26	0.00	2.03	33.00	24.03	137
Widtsoe-Escalante #3	9500	5/28	1.62	2.00*	18.12	17.19*	105
Widtsoe R.S.	7600	5/28	0.90	0.97	7.40	6.34	117

SEVIER RIVER BELOW RICHFIELD

(Including San Pitch River)

Beaver Dams	8000	5/26	1.52	2.75b	22.02	19.79*	111
Farnsworth Lake	9900	5/31	1.67	3.28b	27.77	25.64b	108
G.B.R.C. Headquarters	8700	5/31	0.95	2.80	23.55	24.15	98
G.B.R.C. Meadows	10000	5/31	1.57	3.21	29.82	28.30	105
G.B.R.C. Oaks	7655	5/31	0.49	2.22	16.71	16.85	99
Gooseberry R.S.	7800	5/31	1.08	2.71*	19.70	17.80*	106
Mammoth R.S. #2	8600	5/28	0.18	2.55*	30.44	24.30*	125
Gooseberry Reservoir	8700	5/28	0.16	2.75*	28.58	23.38*	122
Mt. Baldy R.S.	9500	5/26	2.70	3.36b	29.75	22.70*	131
Oak Creek	7760	5/29	0.31	- -	24.94	- -	- -
Pine Creek	8700	5/28	0.55	3.99b	34.02	30.53b	111
Shingle Mill	6200	6/2	0.40	2.76b	21.88	19.30b	113

BEAVER RIVER

Beaver Canyon P.H.	7275	5/31	0.30	2.75b	14.54	19.79*	73
Big Flat	10290	5/28	1.34	3.03*	29.61	21.85*	136
Merchant's Valley	8650	5/28	0.78	- -	23.64	- -	- -

PRECIPITATION DATA (Inches)

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<u>PAROWAN CREEK</u>							
Tall Poles	8800	5/26	0.75	- -	23.19	- -	- -
Yankee Reservoir	8700	5/26	1.10	1.71b	17.94	15.70b	114
<u>COAL CREEK</u>							
Cedar Breaks	10390	5/26	0.00	1.94	30.10	20.85*	144
Webster Flat	9200	5/26	0.00	2.03	33.00	24.03*	137
<u>ENTERPRISE TO NEW HARMONY DRAINAGE</u>							
Little Grassy Creek	6100	5/28	1.65	0.80b	17.20	14.54b	118
Long Flat	3000	5/27	0.95	1.44b	18.70	15.29b	122
<u>COLORADO RIVER DRAINAGE</u>							
<u>UPPER GREEN RIVER IN UTAH</u> (Tributaries above Flaming Gorge)							
Black's Fork Jct.	8925	5/26	0.90	2.19b	13.68	16.53*	83
Burnt Creek	7900	5/28	0.45	- -	11.52	- -	- -
E.Fk. Black's Fk.G.S.	9300	5/26	1.02	2.63b	14.40	16.64b	86
Hewinta G.S.	9500	5/26	1.08	2.74b	15.90	17.69b	90
Hickerson Park	9100	5/28	1.13	- -	11.53	- -	- -
Spirit Lake	10300	5/28	1.25	3.76b	19.38	22.09*	88
<u>GREEN RIVER TRIBUTARIES BETWEEN FLAMING GORGE & DUCHESNE RIVER</u>							
Grizzly Ridge	8500	5/28	0.57	- -	20.47	- -	- -
King's Cabin(upper)	8730	5/28	0.42	2.47b	17.45	15.35b	114
<u>DUCHESNE RIVER</u>							
Currant Creek	7800	5/28	0.20	1.76b	20.87	16.37b	127
Daniels-Strawberry Smt.	8000	5/27	0.41	1.92*	27.72	21.75*	127
East Portal Ridge*	7800	5/29	1.30	2.89	26.89	23.42*	115
Indian Canyon	9100	5/29	0.55	2.00b	20.56	17.41b	118
Julius Park	9800	5/27	0.08	2.53*	20.71	16.76*	124
Lakefork Mountain	10500	5/29	0.00	2.54*	18.62	16.18*	115
Moon Lake	8150	5/31	0.00	1.76	10.45	10.77	97
Paradise Park	10100	5/27	0.28	2.73b	22.07	18.25*	121
Rock Creek	7900	5/29	0.27	2.01b	15.87	14.57b	109
Soapstone R.S.	7800	5/28	0.18	2.08*	19.82	19.69*	101
Trial Lake	9800	5/28	0.21	3.15	17.40	23.20*	62
White River #1	8600	5/26	0.35	1.92b	13.86	17.51*	79

PRECIPITATION DATA (Inches)

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		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
<u>PRICE RIVER</u>							
Clear Creek Ridge #2	8000	5/26	0.21	2.23b	23.45	19.52*	120
Gooseberry Reservoir	8700	5/28	0.16	2.75b	28.58	23.38*	122
Indian Canyon	9100	5/29	0.55	2.00b	20.56	17.41b	118
Mammoth R.S. #2	8600	5/28	0.18	2.55*	30.44	24.30*	125
Mud Creek	8300	5/26	0.55	1.96*	22.55	18.78*	120
White River #1	8600	5/26	0.35	1.92b	13.86	17.51*	79
<u>SAN RAFAEL RIVER</u>							
Buck Flat	9400	5/28	1.35	2.44b	25.80	21.81*	118
G.B.R.C. Meadows	10000	5/31	1.57	3.21	29.82	28.30	105
Gooseberry Reservoir	8700	5/28	0.16	2.75b	28.58	23.38*	122
Orange Olsen	7300	5/27	0.65	- -	11.00	- -	- -
Red Pine Ridge	9400	5/27	1.50	2.43b	27.10	25.05*	108
<u>MUDDY RIVER</u>							
Mt. Baldy R.S.	9500	5/26	2.70	3.36b	29.75	22.70*	131
<u>FREMONT & ESCALANTE RIVERS</u>							
Black's Flat-U.M. Crk.	9250	5/27	2.81	2.19b	19.89	16.53*	120
Farnsworth Lake	9900	5/31	1.67	3.28b	27.77	25.64b	108
Fish Lake	8700	5/27	1.37	1.50b	15.42	11.54b	134
Widtsoe-Escalante #3	9500	5/28	1.62	2.00*	18.12	17.19*	105
<u>VIRGIN RIVER</u>							
Duck Creek R.S.	8560	5/29	1.50	1.76*	33.60	21.57*	156
Webster Flat	9200	5/26	0.00	2.03	33.00	24.03	137
<u>SOUTHEASTERN UTAH DRAINAGES</u>							
Buckboard Flat	9000	5/29	0.20	2.25b	22.39	22.11b	101
Camp Jackson	8600	5/29	0.80	1.83*	26.43	18.42*	143
LaSal Mountain(upper)	9600	5/27	1.25	2.87b	19.54	19.73*	99

SOIL MOISTURE

STATION		PROFILE (Inches)		SOIL MOISTURE (Inches)			
		DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
NAME	ELEVATION						

JULY 1, 1968

Little Grassy Creek	6100	72	24.5	7/2	8.5	11.4	12.4
Mammoth R.S.-Ctnwd. Crk.	8800	60	21.9	6/27	17.1	15.2	- -

AUGUST 1, 1968

Currant Creek	7800	72	22.0	7/24	16.2	- -	- -
Little Grassy Creek	6100	72	24.5	8/2	7.7	8.2	- -
Mammoth R.S.-Ctnwd. Crk.	8800	60	21.9	7/30	15.2	15.2	- -

SEPTEMBER 1, 1968

Little Grassy Creek	6100	72	24.5	9/2	7.7	8.1	- -
Mammoth R.S.-Ctnwd. Crk.	8800	60	21.9	8/29	14.1	12.3	7.9
Mud Creek	8300	72	14.4	9/5	11.0	11.6	10.9

OCTOBER 1, 1968

Beaver Crk.-Skunk Crk.	7150	48	18.4	9/27	9.4	8.2	6.7
Currant Creek	7800	72	22.0	10/2	14.4	14.4	- -
Daniels-Strawberry Smt.	8000	48	14.0	9/25	6.3	6.3	6.5
Dry Bread Pond	8230	48	19.0	9/27	14.7	12.0	11.4
Mammoth R.S.-Ctnwd. Crk.	8800	60	21.9	9/30	13.6	11.1	9.0
White River #1	8600	48	16.0	9/15	8.7	9.1	9.1

NOVEMBER 1, 1968

Beaver Crk-Skunk Crk.	7150	48	18.4	10/29	10.7	8.5	6.7
Ben Lomond(Lower)	5850	72	26.5	10/29	19.7	- -	- -
Chalk Creek #2	8000	48	18.0	10/29	14.3	14.5	11.9
Daniels-Strawberry Smt.	8000	48	14.0	10/28	7.0	6.0	7.4
Dry Bread Pond	8230	48	19.0	10/29	14.8	13.7	10.7
Mammoth R.S.-Ctnwd. Crk.	8800	60	21.9	10/31	13.6	11.0	11.9
Mud Creek	8300	72	14.4	10/31	11.0	11.2	10.8
White River #1	8600	48	16.0	10/31	4.7	8.1	6.2

DECEMBER 1, 1968

Beaver Crk.-Skunk Crk	7150	48	18.4	11/30	10.0	- -	- -
Ben Lomond(Lower)	5850	72	26.5	11/30	21.5	13.6	13.7
Daniels-Strawberry Smt.	8000	43	14.0	11/26	8.0	6.1	- -
Mammoth R.S.-Ctnwd. Crk.	8800	60	21.9	11/27	13.1	10.4	- -
Mud Creek	8300	72	14.4	11/27	10.6	- -	- -
White River #1	8600	48	16.0	11/27	7.5	- -	- -
Dry Bread Pond	8230	48	19.0	11/30	15.6	- -	- -

SOIL MOISTURE

STATION		PROFILE (Inches)		SOIL MOISTURE (Inches)			
		DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
NAME	ELEVATION						

JANUARY 1, 1969

Ben Lomond(Lower)	5850	72	26.5	12/30	21.4	13.3	21.8
Daniels-Strawberry Smt.	8000	48	14.0	12/30	8.8	6.1	10.0
Mammoth R.S.-Cotnwd. Crk.	8800	60	21.9	12/26	13.2	- -	- -
Mud Creek	8300	72	14.4	12/26	10.7	10.5	- -

FEBRUARY 1, 1969

Ben Lomond(Lower)	5850	72	26.5	1/31	23.0	13.6	22.0
Chalk Creek #2	8000	48	18.0	1/29	14.2	13.3	12.2
Daniels-Strawberry Smt.	8000	48	14.0	1/30	9.3	6.6	- -
Dry Bread Pond	8230	48	19.0	1/30	15.6	13.6	13.5
Mammoth R.S.-Ctnwd.Crk.	8800	60	21.9	2/3	13.0	10.7	12.5
Mud Creek	8300	72	14.4	1/31	10.8	10.5	10.8

MARCH 1, 1969

Beaver Crk-Skunk Crk.	7150	48	18.4	2/27	13.1	- -	- -
Ben Lomond(Lower)	5850	72	26.5	2/26	22.7	17.8	22.3
Chalk Creek #2	8000	48	18.0	2/25	14.3	- -	- -
Daniels-Strawberry Smt.	8000	48	14.0	2/26	10.7	- -	- -
Grassy Trail Crk-Left Fork	7970	48	14.5	2/27	9.3	7.8	9.3
Dry Bread Pond	8230	48	19.0	2/27	15.7	- -	- -
Mud Creek	8300	72	14.4	2/26	11.1	10.6	10.8
White River #1	8600	48	16.0	2/25	7.5	8.9	6.8

APRIL 1, 1969

Beaver Crk-Skunk Crk.	7150	48	18.4	3/26	13.5	9.3	14.3
Ben Lomond(Lower)	5850	72	26.5	3/26	22.8	21.7	22.4
Chalk Creek #2	8000	48	18.0	3/25	14.4	12.5	12.4
Corral	8200	48	13.4	3/23	10.0	- -	- -
Currant Creek	7800	72	22.0	3/27	15.0	14.3	- -
Daniels-Strawberry Smt.	8000	48	14.0	3/26	11.3	- -	- -
Dry Bread Pond	8230	48	19.0	3/26	15.8	14.1	16.5
Grassy Trail Crk-Left Fk.	6100	72	24.5	3/28	9.1	- -	- -
Mammoth R.S.-Ctnwd. Crk.	8800	60	21.9	3/26	13.3	11.2	12.9
Mud Creek	8300	72	14.4	3/26	10.7	8.4	10.8
White River #1	8600	48	16.0	3/27	7.4	- -	- -

MAY 1, 1969

Beaver Crk-Skunk Crk.	7150	48	18.4	4/25	17.0	14.9	16.0
Ben Lomond(Lower)	5850	72	26.5	4/28	23.7	23.0	22.9
Chalk Creek #2	8000	48	18.0	4/25	17.0	13.6	13.4
Currant Creek	7800	72	22.0	4/28	17.7	17.5	17.6
Daniels-Strawberry Smt.	8000	48	14.0	4/28	12.9	- -	- -
Dry Bread Pond	8230	48	19.0	4/25	16.5	16.7	15.7
Mammoth R.S.-Ctnwood Crk.	8800	60	21.9	5/1	20.6	11.5	12.9
Mud Creek	8300	72	14.4	4/28	11.3	- -	- -
White River #1	8600	48	16.0	4/29	16.0	- -	- -

SOIL MOISTURE

STATION		PROFILE (Inches)		SOIL MOISTURE (Inches)			
NAME	ELEVATION	DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO

JUNE 1, 1969

Beaver Crk-Skunk Crk.	7150	48	18.4	5/29	15.3	13.0	15.8
Ben Lomond(lower)	5850	72	26.5	5/29	22.2	23.1	23.0
Currant Creek	7800	72	22.0	5/28	17.6	18.0	18.1
Daniels-Strawberry Smt.	8000	48	14.0	5/27	7.8	- -	- -
Dry Bread Pond	8230	48	19.0	5/29	16.4	16.7	16.7
Mammoth R.S-Ctmwd. Crk.	8800	60	21.9	5/28	19.8	17.8	19.2
Mud Creek	8300	72	14.4	5/26	12.0	11.8	12.1
White River #1	8600	48	16.0	5/26	14.6	- -	- -

Agencies Cooperating in Utah Snow Surveys

U.S. GOVERNMENT AGENCIES

U.S. Department of Agriculture
Soil Conservation Service
Forest Service
U.S. Department of Commerce
Weather Bureau
U.S. Department of Interior
Bureau of Reclamation
Geological Survey
National Park Service

STATE AGENCIES

Utah State University
Utah Fish and Game Department
Utah State Department of Natural
Resources, Division of Water Rights
Bear River Commissioner
Price River Commissioner
Provo River Commissioner
Sevier River Commissioners
Spanish Fork River Commissioner
Utah Lake and Jordan River Commissioner

MUNICIPALITIES

Manti
Salt Lake City

ORGANIZED PUBLIC AGENCIES

Beaver River Water Users Association
Board of Canal Presidents - Jordan River
Emery Canal and Reservoir Company
Moon Lake Water Users Association
Ogden River Water Users Association
Provo River Water Users Association
Strawberry Water Users Association
Sevier River Water Users Association

PRIVATE AGENCIES

Kaiser Steel Corporation

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with the Snow Survey"*